

TECHNICAL STANDARDS COMMITTEE
Minutes - Monthly Meeting
WTRRF Conference Room - 700 Doty Street
Tuesday 1:30 PM, August 17, 2021

Call to Order – The meeting was called to order at 1:30 p.m.

Roll Call –Paul DeVries, Nick Leonard, and Eric Otte. Cody Schoepke was absent and excused.

Ben Propson was also present.

Approval of July Minutes– A motion was made by Nick Leonard and seconded by Eric Otte to approve the July 2021 meeting minutes, with a change of name from Mark Parmentier to Matt Parmentier on page three. The motion carried.

Communication Session

Reports on:

- **Correspondence Relating to the Regional Wastewater System**
◊None
- **Records Exchange – Update of Contact List**
◊Nick emailed the most recent OSG contact list to TSC members in advance of the August meeting.
- **Sewer or System Improvements Anticipated, in Progress or Completed (Extensions or Rehabilitations)**
◊Paul reported the lining project still has to be bid.
◊Paul received a proposed sewer extension for Estabrook Estates.
- **FP or RSAP Amendments Anticipated, in Progress or Completed**
◊None
- **Metering and Sampling**
◊Paul reported that WTRRF has contracted with Dukes Root Control to perform I/I flow monitoring in the City in areas that have been previously identified as problematic. Ben added that 67,000 feet of pipe will be monitored by 60 transducers placed within the collection system to measure flow. The monitoring will cover a 30-60 day period, with a 1” rain event for proper analysis. After the monitoring Dukes will prepare a report. Nick asked that the City share their findings with the TSC.
- **Clearwater Reduction Fund Status and Party Activity**
◊None
- **Receive Sewer Project Closeout Records and Shared Sewer Cost Calculations**
◊None
- **Distribute Updates to Regional Sewer Design and Constructions Standards and TGM Revisions**
◊Work has been completed on the Technical Guidance Manual. Paul is in the review process of the document.

Technical Session – Consent Agenda

Review as needed:

- **Review and evaluate new products and technology for incorporation into the standard specifications.**
- **Monitor the assessment, accumulation and use of the Clearwater Reduction Funds**
- **Maintain procedures and protocol for compliance with the Agreement**
- **Review and recommend proposed changes, revisions, clarifications, and amendments to the Parties regarding the Agreement and the TGM**
- **Consider and decide requests for specification waivers**
- **Prepare appropriate specification amendments**
- **Review shared sewer cost calculations for compliance with TGM procedures**
Conduct review of proposed revisions to the 2000 RSAP to identify potential regional impacts

Additional Items

- **WTRRF Operations Update**
 - ◇The former high purity oxygen (HPO) tank is being coated because it's being converted to a carbon source tank. This is part of the update that will allow WTRRF to run biological phosphorus removal more consistently.
 - ◇A kick-off meeting was held with Strand Associates on the biosolids dryer project. Dryers installed at other wastewater facilities will be reviewed as part of the project. Currently the biosolids are centrifuged and land applied or taken to a landfill. The present method of disposal is not sustainable due to unreliable access to sites for land application and increased hauling/landfill costs. The installation of a dryer will result in the reduction of biosolids, hauling charges, and will produce a Class A biosolid. The project is scheduled to start in 2022 with completion in 2023. Our present biosolids hauling contract expires in 2023.
 - ◇JF Ahern is installing new valves in all three aeration basins to better control air flow.
 - ◇The rain event on July 28/29 produced ¾" of rain. Flows peaked at 10mgd. The rain event on August 8 produced 1.2" of rain and flows peaked at 18mgd. There were no significant problems in the collection system during either rain event.
 - ◇Two interviews will be conducted on August 20 to fill the vacant Operator position.
 - ◇There is a vacant Televising and Metering Technician position.
 - ◇Cody is participating in the Operator Challenge at the Water Environment Federation's Technical Exhibition and Conference (WEFTEC) which will be held in Chicago in October. The team of four will be tested on five events which include collection systems, laboratory, process control, maintenance and safety.
- **2000 Wastewater Agreement Revisions**
 - ◇Paul has the final cost of the NE Interceptor and will forward the final pay request, plans and specifications to Nick and Eric.
 - ◇The City Attorney and John St. Peter discussed the proposed changes to 3.3.3, 15.3 and 12.4. Both parties were in agreement to the proposed changes. John St. Peter will prepare the revised language.
 - ◇Nick would like the highlighted changes to the Sewer Agreement within the next two weeks. Nick will send the proposed Sewer Agreement to the OSG in advance of the OSG annual meeting.

◇Nick suggested moving the September TSC meeting up to September 14 so that the TSC can do a final review of the Sewer Agreement and make a recommendation of acceptance to the OSG at their annual meeting to be held on September 16..

◇Paul said formal action for recommendation to approve the Sewer Agreement will take place at the September TSC meeting.

◇Ben said that Cody mentioned cubic feet per second (CFS) be changed to million gallons per day (mgd) or gallons per day (gpd). Eric mentioned that Exhibit 1 uses CFS. Eric said CFS is used in many sewer calculations and then converted to mgd or gpd. Eric will look at this and then respond to Cody.

◇Eric has still not received the population changes from all of the sanitary districts. He will prepare those population estimates for those sanitary districts. He did start revising Exhibit 1 and needs connection point 7 population data from the City. He also noticed several errors in Exhibit 1 and will make corrections to them. Eric will have this completed before the September TSC meeting. Eric has reviewed populations from the East Central Wisconsin Regional Planning Commission (ECWRPC) and they don't appear to be correct. Instead he would like to use the populations for 2050 from Exhibit 1. Paul suggested looking at the 2020 census numbers and compare growth to those census numbers.

The following items will be completed before the September 2021 TSC Meeting:

◇Paul will complete review of the updates to the TGM.

◇Eric will complete the updates to Exhibit 1 population changes.

Adjournment

◇A motion to adjourn was made by Eric Otte and seconded by Nick Leonard. The motion passed. The meeting adjourned at 2:04 p.m.

The next meeting is scheduled for **September 14, 2021**.